

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.**

Application Serial Number: 10/523,498  
Source: JTN16  
Date Processed by STIC: 2/28/07

# ***ENTERED***



IFW16

## RAW SEQUENCE LISTING

DATE: 02/28/2007

PATENT APPLICATION: US/10/523,498

TIME: 10:24:31

Input Set : A:\PTO.RJ.txt

Output Set: N:\CRF4\02282007\J523498.raw

3 <110> APPLICANT: THE JOHNS HOPKINS UNIVERSITY  
 5 <120> TITLE OF INVENTION: PEPTIDES FOR TARGETING THE PROSTATE SPECIFIC MEMBRANE  
 ANTIGEN  
 7 <130> FILE REFERENCE: 59563-PCT  
 C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/523,498  
 C--> 10 <141> CURRENT FILING DATE: 2006-08-02  
 12 <150> PRIOR APPLICATION NUMBER: US 60/401,151  
 13 <151> PRIOR FILING DATE: 2002-08-05  
 15 <150> PRIOR APPLICATION NUMBER: US 60/435,140  
 16 <151> PRIOR FILING DATE: 2002-12-20  
 18 <160> NUMBER OF SEQ ID NOS: 111  
 20 <170> SOFTWARE: PatentIn Ver. 2.1  
 22 <210> SEQ ID NO: 1  
 23 <211> LENGTH: 9  
 24 <212> TYPE: PRT  
 25 <213> ORGANISM: Artificial Sequence  
 27 <220> FEATURE:  
 28 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
 29 peptide  
 31 <400> SEQUENCE: 1  
 32 Cys Gln Lys His His Asn Tyr Leu Cys  
 33 1 5  
 36 <210> SEQ ID NO: 2  
 37 <211> LENGTH: 9  
 38 <212> TYPE: PRT  
 39 <213> ORGANISM: Artificial Sequence  
 41 <220> FEATURE:  
 42 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
 43 peptide  
 45 <400> SEQUENCE: 2  
 46 Cys Thr Ile Thr Ser Lys Arg Thr Cys  
 47 1 5  
 50 <210> SEQ ID NO: 3  
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 52 <212> TYPE: PRT  
 53 <213> ORGANISM: Artificial Sequence  
 55 <220> FEATURE:  
 56 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
 57 peptide  
 59 <400> SEQUENCE: 3  
 60 Cys Thr Leu Val Pro His Thr Arg Cys  
 61 1 5  
 64 <210> SEQ ID NO: 4  
 65 <211> LENGTH: 9

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66 <212> TYPE: PRT  
67 <213> ORGANISM: Artificial Sequence  
69 <220> FEATURE:  
70 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
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73 <400> SEQUENCE: 4  
74 Cys Ser His Asn Asp Thr Arg His Cys  
75 1 5  
78 <210> SEQ ID NO: 5  
79 <211> LENGTH: 9  
80 <212> TYPE: PRT  
81 <213> ORGANISM: Artificial Sequence  
83 <220> FEATURE:  
84 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
85 peptide  
87 <400> SEQUENCE: 5  
88 Cys Ser Thr Arg Ala Pro His Leu Cys  
89 1 5  
92 <210> SEQ ID NO: 6  
93 <211> LENGTH: 9  
94 <212> TYPE: PRT  
95 <213> ORGANISM: Artificial Sequence  
97 <220> FEATURE:  
98 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
99 peptide  
101 <400> SEQUENCE: 6  
102 Cys His Thr Lys His Ala Ser His Cys  
103 1 5  
106 <210> SEQ ID NO: 7  
107 <211> LENGTH: 9  
108 <212> TYPE: PRT  
109 <213> ORGANISM: Artificial Sequence  
111 <220> FEATURE:  
112 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
113 peptide  
115 <400> SEQUENCE: 7  
116 Cys Ser Ser His Ser Thr Val His Cys  
117 1 5  
120 <210> SEQ ID NO: 8  
121 <211> LENGTH: 9  
122 <212> TYPE: PRT  
123 <213> ORGANISM: Artificial Sequence  
125 <220> FEATURE:  
126 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
127 peptide  
129 <400> SEQUENCE: 8  
130 Cys Lys Pro Ser Met Met Ser Tyr Cys  
131 1 5  
134 <210> SEQ ID NO: 9

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135 <211> LENGTH: 9  
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139 <220> FEATURE:  
140 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
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144 Cys Pro Ser Val Asn Thr Lys Gln Cys  
145 1 5  
148 <210> SEQ ID NO: 10  
149 <211> LENGTH: 9  
150 <212> TYPE: PRT  
151 <213> ORGANISM: Artificial Sequence  
153 <220> FEATURE:  
154 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
155 peptide  
157 <400> SEQUENCE: 10  
158 Cys Gln Thr Pro Tyr Asp Leu Arg Cys  
159 1 5  
162 <210> SEQ ID NO: 11  
163 <211> LENGTH: 9  
164 <212> TYPE: PRT  
165 <213> ORGANISM: Artificial Sequence  
167 <220> FEATURE:  
168 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
169 peptide  
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172 Cys Ala Pro Asn Lys Tyr Lys His Cys  
173 1 5  
176 <210> SEQ ID NO: 12  
177 <211> LENGTH: 9  
178 <212> TYPE: PRT  
179 <213> ORGANISM: Artificial Sequence  
181 <220> FEATURE:  
182 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
183 peptide  
185 <400> SEQUENCE: 12  
186 Cys Thr Pro Leu Ser Pro Arg Tyr Cys  
187 1 5  
190 <210> SEQ ID NO: 13  
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192 <212> TYPE: PRT  
193 <213> ORGANISM: Artificial Sequence  
195 <220> FEATURE:  
196 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
197 peptide  
199 <400> SEQUENCE: 13  
200 Cys Asn Lys Ser Ser Leu Gly Thr Cys  
201 1 5

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207 <213> ORGANISM: Artificial Sequence  
209 <220> FEATURE:  
210 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
211 peptide  
213 <400> SEQUENCE: 14  
214 Cys His Thr Ser Leu Lys Thr His Cys  
215 1 5  
218 <210> SEQ ID NO: 15  
219 <211> LENGTH: 9  
220 <212> TYPE: PRT  
221 <213> ORGANISM: Artificial Sequence  
223 <220> FEATURE:  
224 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
225 peptide  
227 <400> SEQUENCE: 15  
228 Cys Leu Lys Ser His Ser His Gln Cys  
229 1 5  
232 <210> SEQ ID NO: 16  
233 <211> LENGTH: 9  
234 <212> TYPE: PRT  
235 <213> ORGANISM: Artificial Sequence  
237 <220> FEATURE:  
238 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
239 peptide  
241 <400> SEQUENCE: 16  
242 Cys Gly Leu Pro Thr Arg Thr Ala Cys  
243 1 5  
246 <210> SEQ ID NO: 17  
247 <211> LENGTH: 9  
248 <212> TYPE: PRT  
249 <213> ORGANISM: Artificial Sequence  
251 <220> FEATURE:  
252 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
253 peptide  
255 <400> SEQUENCE: 17  
256 Cys His Lys Phe Gln Ser Lys Met Cys  
257 1 5  
260 <210> SEQ ID NO: 18  
261 <211> LENGTH: 9  
262 <212> TYPE: PRT  
263 <213> ORGANISM: Artificial Sequence  
265 <220> FEATURE:  
266 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
267 peptide  
269 <400> SEQUENCE: 18  
270 Cys Lys His Ser Val Ser Pro Ser Cys

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Input Set : A:\PTO.RJ.txt

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271 1 5  
274 <210> SEQ ID NO: 19  
275 <211> LENGTH: 9  
276 <212> TYPE: PRT  
277 <213> ORGANISM: Artificial Sequence  
279 <220> FEATURE:  
280 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
281 peptide  
283 <400> SEQUENCE: 19  
284 Cys Lys Pro Thr Asn Gln His Lys Cys  
285 1 5  
288 <210> SEQ ID NO: 20  
289 <211> LENGTH: 9  
290 <212> TYPE: PRT  
291 <213> ORGANISM: Artificial Sequence  
293 <220> FEATURE:  
294 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
295 peptide  
297 <400> SEQUENCE: 20  
298 Cys Asp Ala Val Arg Tyr Pro Val Cys  
299 1 5  
302 <210> SEQ ID NO: 21  
303 <211> LENGTH: 9  
304 <212> TYPE: PRT  
305 <213> ORGANISM: Artificial Sequence  
307 <220> FEATURE:  
308 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
309 peptide  
311 <400> SEQUENCE: 21  
312 Cys Leu Ser Thr Thr Ile Ser Tyr Cys  
313 1 5  
316 <210> SEQ ID NO: 22  
317 <211> LENGTH: 9  
318 <212> TYPE: PRT  
319 <213> ORGANISM: Artificial Sequence  
321 <220> FEATURE:  
322 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
323 peptide  
325 <400> SEQUENCE: 22  
326 Cys Thr Asn Ser Asn Met His His Cys  
327 1 5  
330 <210> SEQ ID NO: 23  
331 <211> LENGTH: 9  
332 <212> TYPE: PRT  
333 <213> ORGANISM: Artificial Sequence  
335 <220> FEATURE:  
336 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
337 peptide  
339 <400> SEQUENCE: 23

RAW SEQUENCE LISTING ERROR SUMMARY  
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:111; Xaa Pos. 2,4 ✓

**VERIFICATION SUMMARY**

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Input Set : A:\PTO.RJ.txt

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L:9 M:270 C: Current Application Number differs, Replaced Current Application Number

L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:1580 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:111 after pos.:0